

26
25
amended B1
2. (Twice Amended) The [electrolytic] capacitor of claim
[1] ~~41~~ wherein the [substrate] case is a metal [body that] and
the metal foil is electrically connected to the [container]
case.--;

Claim 3 (Amended), line 1, delete "electrolytic";

Claim 5 (Amended), line 1, delete "electrolytic";

Claim 6 (Amended), line 1, delete "electrolytic";

Claim 7 (Amended), line 1, delete "electrolytic";

Claim 8 (Amended), line 1, delete "electrolytic";

Claim 9 (Amended), line 1, delete "electrolytic";

Claim 10 (Amended), line 1, delete "electrolytic";

Claim 11 (Amended), line 1, delete "electrolytic";

Claim 12 (Amended), line 1, delete "electrolytic";

~~11~~
~~13~~. (Twice Amended) The [electrolytic] capacitor of claim ~~37~~ wherein the [substrate is] container includes a first metal body [having opposed first and second surfaces and functioning as a cathode of the capacitor and] on which the porous coating is disposed [on the first surface of the first metal body], [including] a second metal body [on which the anode is disposed], and [wherein the container comprises] a sealant disposed between and contacting the first and second metal bodies, the anode being disposed on the second metal body.--;

Claim 14 (Amended), line 1, delete "electrolytic";

Claim 15 (Amended), line 1, delete "electrolytic";

Claim 16 (Amended), line 1, delete "electrolytic";

Claim 17 (Amended), line 1, delete "electrolytic";

Claim 18 (Amended), line 1, delete "electrolytic";

~~17~~
~~19~~. (Twice Amended) The [electrolytic] capacitor of claim [15] ~~18~~ including electrically insulating spacing means disposed between the porous coating and the [tantalum electrode] anode for preventing direct contact between the porous coating and the [tantalum electrode] anode.--;

Claim 20 (Amended), line 1, delete "electrolytic";

Claim 21 (Amended), line 1, delete "electrolytic";

Claim 22 (Amended), line 1, delete "electrolytic";

Claim 23 (Amended), line 1, delete "electrolytic";

--24²⁸ (Amended) [An electrolytic] A capacitor comprising:

a plurality of [electrolytic] capacitor cells, each

cell including:

BH ✓
a container comprising a first metal body having
opposed [first and second] inside and outside surfaces, a second
metal body having opposed inside and outside surfaces, and a
sealant disposed between and contacting adjacent first and second
✓ metal bodies;

✓ a cathode comprising a porous coating including
an oxide of a metal selected from the group consisting of ruthenium, iridium, nickel, rhodium, platinum, palladium, and osmium
✓ disposed on the [first surface] inside surfaces of said first and
✓ second metal [body of the cathode] bodies;

✓ an anode selected from the group consisting of
tantalum, aluminum, niobium, zirconium, and titanium disposed on
✓ the [second surface] outside surfaces of the first and second
metal [body] bodies; and

spacing means disposed between the porous coating and the anode for preventing direct contact between the porous coating and the anode within each capacitor cell,

wherein the plurality of the [electrolytic] capacitor cells are disposed in a serial arrangement with the porous coating [of] on one first metal body being disposed opposite the anode of the next adjacent [first] second metal body in the serial arrangement with the spacing means disposed between, separating, and preventing direct contact between the opposed porous coatings and the anodes in each capacitor cell in the serial arrangement;

a [second] third metal body having first and second opposed surfaces disposed at [one] a first end of the serial arrangement [including] and having a porous coating including an oxide of a metal selected from the group consisting of ruthenium, iridium, nickel, rhodium, platinum, palladium, and osmium disposed on one side of the [second] third metal body and opposite an anode of a first metal body in the serial arrangement, but no anode, [and functioning] as a cathode terminal of the [electrolytic] capacitor;

a [third] fourth metal body having first and second opposed surfaces and disposed at [the other] a second end of the serial arrangement and including an anode selected from the group consisting of tantalum, aluminum, niobium, zirconium, and titanium disposed on one side of the [third] fourth metal body and

✓ opposite a porous coating of a [first] second metal body in the serial arrangement, but no porous coating, [and functioning] as an anode of the [electrolytic] capacitor;

an electrolyte disposed between and contacting the opposed porous coatings and [the tantalum electrodes] anodes in [the capacitor cells in] the serial arrangement; and

Am 29 of 34 ✓ a sealant disposed between and contacting [adjacent] the third metal [bodies] body and a first metal body and between and contacting a second metal body and the fourth metal body in the serial arrangement, sealing the electrolyte within the capacitor [and between adjacent metal bodies] cells.--;

Claim 25 (Amended), line 1, delete "electrolytic";

Claim 27 (Amended), line 1, delete "electrolytic";

Claim 28 (Amended), line 1, delete "electrolytic";

Claim 30 (Amended), line 1, delete "electrolytic";

Claim 31 (Amended), line 1, delete "electrolytic";

Claim 32 (Amended), line 1, delete "electrolytic";

~~34~~ ~~28~~
--33. (Amended) The [electrolytic] capacitor of claim ~~24~~

including means for electrically interconnecting said first, second, [and] third, and fourth metal bodies in series.--;

~~35~~ ~~34~~
--34. (Amended) The [electrolytic] capacitor of claim ~~33~~

wherein said means for electrically interconnecting comprises an electrically conductive material disposed within the sealant and contacting the first, second, [and] third, and fourth metal body.--;

~~36~~ ~~34~~
--35. (Amended) The [electrolytic] capacitor of claim ~~33~~

including an electrically conductive film disposed on the sealant and contacting the first, second, [and] third, and fourth metal bodies.--;

~~37~~
--37. (Amended) [An electrolytic] A capacitor comprising:

a [substrate] container having an inside surface;

a cathode comprising a porous coating including an oxide of a metal selected from the group consisting of ruthenium, iridium, nickel, rhodium, platinum, palladium, and osmium disposed on the [substrate functioning as the cathode of the capacitor] inside surface of the container;

an anode spaced from the porous coating and including a metal selected from the group consisting of tantalum, aluminum, niobium, zirconium, and titanium; and

amended
B4
an electrolyte in contact with the porous coating and the anode[; and a], the container containing the anode and the electrolyte [that is in contact with the porous coating and the anode].--;

Claim 38 (Amended), line 1, delete "electrolytic";

Claim 39 (Amended), line 1, delete "electrolytic";

Claim 40 (Amended), line 1, delete "electrolytic".

Please add the following claims:

25
~~2-41.~~ The capacitor of claim *27* wherein the container includes a case and a metal foil within the case, the foil forming the inside surface of ~~the~~ container.--;

B7 *32* *28*
~~2-42.~~ The capacitor of claim *24* wherein each anode is a porous sintered tantalum body coated with an oxide of tantalum.--;

38 *37*
~~2-43.~~ The capacitor of claim *42* wherein the electrolyte is a sulfuric acid solution.--;